

Provided is a method, system, and program for managing files in a file system.

Data is received for a file. The data for the file is stored in a plurality of segments. An index associated with the file indicating how the file data maps to the segments. An Input/Output request is received with respect to an address in the file. The index for the file is used to determine the segment having the requested address in the file. The determined segment including data at the requested address is then accessed.